

0590
1207

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OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/761,116

DATE: 12/20/2001

TIME: 14:10:03

Input Set : N:\Crf3\RULE60\09761116.txt

Output Set: N:\CRF3\12202001\I761116.raw

4 <110> APPLICANT: American Home Products Corp.
5 Susulic, Vedrana S.
6 Duzic, Edmir
8 <120> TITLE OF INVENTION: TRANSCRIPTIONAL REGULATION OF THE HUMAN
9 B3-ADRENERGIC RECEPTOR GENE
12 <130> FILE REFERENCE: 0630/0E791
14 <140> CURRENT APPLICATION NUMBER: 09/761,116
15 <141> CURRENT FILING DATE: 2001-01-16
17 <150> PRIOR APPLICATION NUMBER: 09/243,335
18 <151> PRIOR FILING DATE: 1999-02-01
W--> 19 <160> NUMBER OF SEQ ID: 49
21 <170> SOFTWARE: FastSEQ for Windows Version 3.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 12
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Oligonucleotide
31 <400> SEQUENCE: 1
32 gcctctgagg ag 12
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 10
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Oligonucleotide
42 <400> SEQUENCE: 2
43 aggtgggact 10
45 <210> SEQ ID NO: 3
46 <211> LENGTH: 200
47 <212> TYPE: DNA
48 <213> ORGANISM: Homo sapien
50 <220> FEATURE:
52 <400> SEQUENCE: 3
53 cctggaagga agcctaagca tttgggacctg ggttgtaggt gggactcgtg acctctccca 60
54 gcctctgggg agcagcttct ccaatagtca ggggtctcaa tgaccttct tccttccttc 120
55 ctctcttct tccttccttc ctctcttct tccttccttc ctctcttct tccttccttc 180
56 ctctgtgcca ctgcaaaag 200
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 9
60 <212> TYPE: DNA
61 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Consensus binding site from viral and cellular
65 promoters, where nucleotide 4, 5 and 6 can be A, T, C or G
67 <400> SEQUENCE: 4
W--> 68 gccnnnggc 9

ENTERED

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/761,116

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Input Set : N:\Crf3\RULE60\09761116.txt
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70 <210> SEQ ID NO: 5
71 <211> LENGTH: 26
72 <212> TYPE: DNA
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Oligonucleotide primer
78 <400> SEQUENCE: 5
79 ctttcctac cgccccacgc gcgatc 26
81 <210> SEQ ID NO: 6
82 <211> LENGTH: 27
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Oligonucleotide primer
89 <400> SEQUENCE: 6
90 gtggcgccca acggccagtg gccagtc 27
92 <210> SEQ ID NO: 7
93 <211> LENGTH: 27
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Oligonucleotide primer
100 <400> SEQUENCE: 7
101 ttggcgctga ctggccactg gccgttg 27
103 <210> SEQ ID NO: 8
104 <211> LENGTH: 25
105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Oligonucleotide primer
111 <400> SEQUENCE: 8
112 gcgcgtagac gaagagcatc acgag 25
114 <210> SEQ ID NO: 9
115 <211> LENGTH: 25
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Oligonucleotide primer
122 <400> SEQUENCE: 9
123 ctcgatgatgc tcttcgtcts cgcgc 25
125 <210> SEQ ID NO: 10
126 <211> LENGTH: 28
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Oligonucleotide primer
133 <400> SEQUENCE: 10
134 gtgaaggtgc ccatgatgag acccaagg 28
136 <210> SEQ ID NO: 11

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RAW SEQUENCE LISTING

DATE: 12/20/2001

PATENT APPLICATION: US/09/761,116

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137 <211> LENGTH: 27
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Oligonucleotide primer
144 <400> SEQUENCE: 11
145 ccctgtgcac cttgggtctc atcatgg 27
147 <210> SEQ ID NO: 12
148 <211> LENGTH: 22
149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Oligonucleotide primer
155 <400> SEQUENCE: 12
156 cctctgcccc ggttacctac cc 22
158 <210> SEQ ID NO: 13
159 <211> LENGTH: 23
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Oligonucleotide primer
166 <400> SEQUENCE: 13
167 actcactata gggctcgagc ggc 23
169 <210> SEQ ID NO: 14
170 <211> LENGTH: 25
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Oligonucleotide primer
177 <400> SEQUENCE: 14
178 ggcagcccccac tgggtgttggc ggtat 25
180 <210> SEQ ID NO: 15
181 <211> LENGTH: 26
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Oligonucleotide primer
188 <400> SEQUENCE: 15
189 ggtacctcta ggtggaaagg tgcattg 26
191 <210> SEQ ID NO: 16
192 <211> LENGTH: 23
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Oligonucleotide primer
199 <400> SEQUENCE: 16
200 aagcttagtc ccctccctgt cgt 23
202 <210> SEQ ID NO: 17
203 <211> LENGTH: 17

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 PATENT APPLICATION: US/09/761,116

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Input Set : N:\Crf3\RULE60\09761116.txt
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204 <212> TYPE: DNA
205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: Oligonucleotide primer
210 <400> SEQUENCE: 17
211   ctgcaggggt tgagaac
213 <210> SEQ ID NO: 18
214 <211> LENGTH: 31
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: Oligonucleotide primer
221 <400> SEQUENCE: 18
222   gctagcgcaa gtgcaatcta taacacaggg g
224 <210> SEQ ID NO: 19
225 <211> LENGTH: 27
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Oligonucleotide primer
232 <400> SEQUENCE: 19
233   gtcgacgctg ggattacagg tccgtgc
235 <210> SEQ ID NO: 20
236 <211> LENGTH: 27
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Oligonucleotide primer
243 <400> SEQUENCE: 20
244   gtcgacatgc ttaggcttcc ttccagg
246 <210> SEQ ID NO: 21
247 <211> LENGTH: 27
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Oligonucleotide primer
254 <400> SEQUENCE: 21
255   gtcgaccttt tgcaagtggc acgaagg
257 <210> SEQ ID NO: 22
258 <211> LENGTH: 26
259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Oligonucleotide primer
265 <400> SEQUENCE: 22
266   gtcgacacct gccagtctgc cttctc
268 <210> SEQ ID NO: 23
269 <211> LENGTH: 29
270 <212> TYPE: DNA

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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/761,116

DATE: 12/20/2001
 TIME: 14:10:03

Input Set : N:\Crf3\RULE60\09761116.txt
 Output Set: N:\CRF3\12202001\I761116.raw

```

271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Oligonucleotide primer
276 <400> SEQUENCE: 23
277   gtcgacccta ggtggcagag cgagactct                29
279 <210> SEQ ID NO: 24
280 <211> LENGTH: 31
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: Oligonucleotide primer
287 <400> SEQUENCE: 24
288   ggtaccgcaa gtgcaatcta taacacaggg g                31
290 <210> SEQ ID NO: 25
291 <211> LENGTH: 28
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Oligonucleotide primer
298 <400> SEQUENCE: 25
299   ggttaccctt ttgcaagtgg cacgaagg                28
301 <210> SEQ ID NO: 26
302 <211> LENGTH: 20
303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Oligonucleotide primer
309 <400> SEQUENCE: 26
310   gttgttcctg ggactcgtga                20
312 <210> SEQ ID NO: 27
313 <211> LENGTH: 34
314 <212> TYPE: DNA
315 <213> ORGANISM: Artificial Sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: Oligonucleotide primer
320 <400> SEQUENCE: 27
321   tgggactcgt gacctctccc agccagacgg gaggc                34
323 <210> SEQ ID NO: 28
324 <211> LENGTH: 21
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Oligonucleotide primer
331 <400> SEQUENCE: 28
332   cctggaagga agcctaagca t                21
334 <210> SEQ ID NO: 29
335 <211> LENGTH: 21
336 <212> TYPE: DNA
337 <213> ORGANISM: Artificial Sequence

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/761,116

DATE: 12/20/2001

TIME: 14:10:04

Input Set : N:\Crf3\RULE60\09761116.txt

Output Set: N:\CRF3\12202001\I761116.raw

L:19 M:283 W: Missing Blank Line separator, <160> field identifier
L:68 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4
L:68 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4
L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4